

IN THE CLAIMS:

Please CANCEL claim 1, 3, 5-14, 26-38 and 40 without prejudice to or disclaimer of the recited subject matter.

Please AMEND claim 39, and ADD new claims 41-50, as follows. For the Examiner's convenience, all claims currently pending in this application have been reproduced below:

1-38. (Cancelled)

39. (Currently Amended) A pipe structure comprising:

cl a double pipe having a resin inner pipe and a resin outer pipe covering an outside of the inner pipe; and

a discharge mechanism for discharging fluid in a space between the inner pipe and the outer pipe,

wherein the double pipe is in a chamber, pressure in a space between the chamber and the outer pipe is less than pressure ~~of atmosphere~~ in a space between the inner pipe and the outer pipe, and the pressure ~~of atmosphere~~ in the space between the inner pipe and the outer pipe is greater than the pressure in the chamber and less than pressure in the inner pipe.

40. (Cancelled)

41. (New) The structure according to claim 39, wherein the inner pipe or the outer pipe has a bellows structure or coil shape.

42. (New) The structure according to claim 39, wherein the inner pipe and the outer pipe include a plurality of inner pipes.

43. (New) The structure according to claim 39, wherein said double pipe keeps a vacuum space between the inner pipe and the outer pipe.

44. (New) The structure according to claim 39, wherein the inner pipe is formed from a flexible resin material.

Cl 45. (New) The structure according to claim 39, wherein the inner pipe is formed from a resin material having a flexibility different from a material of the outer pipe.

46. (New) The structure according to claim 39, wherein the outer pipe is formed from a resin material nearly free from degassing.

47. (New) The structure according to claim 39, wherein the outer pipe is thinner than the inner pipe.

48. (New) The structure according to claim 39, wherein the outer pipe has a thickness of about 10 μm to about 100 μm .

49. (New) The structure according to claim 39, further comprising a movable stage in a vacuum chamber having a vacuum atmosphere, wherein said double pipe is coupled to the movable stage and an outer surface of said double pipe is exposed to the vacuum atmosphere in the chamber.

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50. (New) The structure according to claim 49, wherein said double pipe is connected to the movable stage.
